

Tilted Diamond⁺ M12 signal lamp, 24 Volt, bezel white, M12 4-pin A-coded



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Signalling systems
- > Vehicle construction
- > Industrial robots
- > Model construction

special features

- Special refracted light effect due to diamond lens
- Diffuser lens designed by cult designer Luigi Colani
- > Long-lasting and ultra-bright SMT LEDs
- Energy efficient: low electricity consumption
- Low-maintenance: particularly shockresistant, no bulb replacement necessary
- Terminal with M12 plug or direct wiring with CAGE CLAMP[®]
- Accessory program: extension support tubes in different lengths
- Available colors: red, yellow, green, blue, transparent/white

description

RAFI has further refined the Tilted Diamond signal lamp, developed in collaboration with Luigi Colani. The result: Tilted Diamond⁺, which is also very easy to assemble, thanks to the M12 or CAGE CLAMP[®] terminal.

To achieve outstanding illumination, we have optimized the light refraction. Its uniform, all-round high visibility makes the signal lamp even easier to see from a distance, so you can respond even faster in an emergency. In line with everyday requirements in industrial environments, this signal lamp is especially sustainable and shock-resistant. In addition, the bright LEDs are energy efficient and do not have to be replaced. The resulting overall package, for many fields of application, will exceed your expectations.

technical data

>	general		
	Color	black	direct links
	Bezel color	white	> RAFI eCatalog
	Property of bezel / mushroom	translucent	
	Bezel shape	convex	
	Collar shape	round	
	Operating temperature, min.	-30 °C	
	Operating temperature, max.	60 °C	
	Storage temperature, min.	-40 °C	
	Storage temperature, max.	85 °C	

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	illuminated	Yes
	Luminous elements	LED
	Packaging	Box
	Packaging unit	1 pcs.
	net weight	61.2 g
	Degree of protection, front side,	IP66
	according to DIN EN 60529	IP67
	Degree of protection, rear side, according to DIN EN 60529	IP65
	Impact resistance IK	08 side
		08 frontal
	MOQ order	10 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	56.8 mm
	Outside dimension, width	56.8 mm
	Outside dimension, height	84.6 mm
	Mounting depth	14.5 mm
	Installation height	70.1 mm
	Installation height Collar dimension	70.1 mm 56.8 mm
>	-	
>	Collar dimension	
>	Collar dimension mechanical data	56.8 mm
>	Collar dimension mechanical data Fixing	56.8 mm Screw
>	Collar dimension mechanical data Fixing Terminal on the rear	56.8 mm Screw
>	Collar dimension mechanical data Fixing Terminal on the rear PIN 1	56.8 mm Screw
>	Collar dimension mechanical data Fixing Terminal on the rear PIN 1 PIN 2	56.8 mm Screw M12 4-pin A-coded - -
	Collar dimension mechanical data Fixing Terminal on the rear PIN 1 PIN 2 PIN 3	56.8 mm Screw M12 4-pin A-coded - - GND
	Collar dimension mechanical data Fixing Terminal on the rear PIN 1 PIN 2 PIN 3 PIN 4	56.8 mm Screw M12 4-pin A-coded - - GND
	Collar dimension mechanical data Fixing Terminal on the rear PIN 1 PIN 2 PIN 3 PIN 4 electrical data Operating voltage of the luminous element, min. Operating voltage of the luminous	56.8 mm Screw M12 4-pin A-coded - - GND LED +
	Collar dimension mechanical data Fixing Terminal on the rear PIN 1 PIN 2 PIN 3 PIN 4 electrical data Operating voltage of the luminous element, min. Operating voltage of the luminous element, max.	56.8 mm Screw M12 4-pin A-coded - - GND LED + 20 V
	Collar dimension mechanical data Fixing Terminal on the rear PIN 1 PIN 2 PIN 3 PIN 4 electrical data Operating voltage of the luminous element, min. Operating voltage of the luminous element, max.	56.8 mm 56.8 mm Screw M12 4-pin A-coded - - GND LED + 20 V 28 V DC
	Collar dimension mechanical data Fixing Terminal on the rear PIN 1 PIN 2 PIN 3 PIN 4 electrical data Operating voltage of the luminous element, min. Operating voltage of the luminous element, max.	56.8 mm Screw M12 4-pin A-coded - - GND LED + 20 V 28 V

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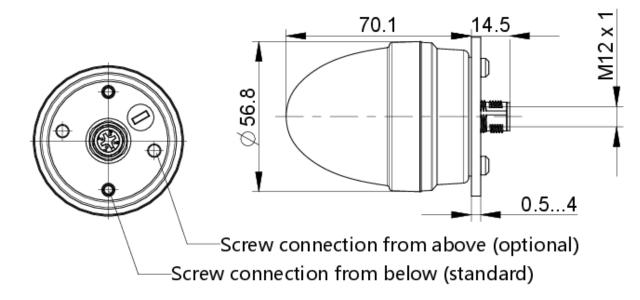
technical data sheet

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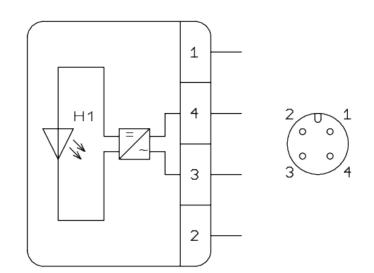


drawings

Dimensioned drawing



Schematic diagram



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